

Building a 21st Century Network for California

Draft Planning Framework

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The landscape for telecommunications is changing dramatically and quickly, creating tremendous opportunities for improved service delivery, accessibility, and efficiency for California state government, *if* it is ready. Such readiness requires a rigorous exploration of how the business of government in California is being transformed and how the State's voice and information network must itself be transformed to enable that business vision to be realized.

California's statewide network will serve as the lynchpin of government transformation in the 21st century or the Achilles Heel. The key is planning: collaborative, statewide, business-focused, comprehensive, forward-thinking planning with sponsorship at the highest levels in state government. A high-level framework for such a planning effort is laid out below.

WHAT QUESTIONS NEED TO BE ANSWERED THROUGH THIS PLANNING PROCESS?

- How is the business of state government being transformed and what business needs will the State network need to be prepared to meet in the future?
- How do we design, build, and operate the next generation state network, which will meet the State's evolving business needs, e.g., real-time, all-the-time availability?
- How do we leverage opportunities offered by voice/video/data convergence?
- How do we provide network/telecommunications services most efficiently and cost-effectively? How do we fund network services?
- How do we meet the needs of the enterprise as well as individual departments and agencies?
- How do we ensure appropriate levels of privacy and security?
- How do we ensure interoperability of wireless and wireline networks? What is the appropriate level of integration with the State's radio network?
- What state architecture principles and IT policies are needed to support the next generation state network?
- How do we best engage the State's business partners in this effort?
- How do we utilize existing state assets, networks, dark fiber, etc.?
- What should the respective roles of various state government entities be vis-à-vis the network?
- How do we ensure service continuity in the event of a disaster or other unplanned event?

WHO WILL BE REPRESENTED ON THE PLANNING TEAM?

- State CIO
- Director of DTS
- Chair of the Technology Services Board (TSB), Services Committee
- Chair of the IT Council, Services Workgroup
- Chair of the IT Council Enterprise Architecture and Standards Committee
- Chair of the IT Council Telecommunications Strategy Workgroup
- Author of State Telecommunications Vision (USC)
- Business, Transportation and Housing Agency (broadband)
- CalTrans
- Franchise Tax Board
- Department of General Services (radio network)
- Office of Emergency Services

WHAT APPROACH WILL WE USE?

- The TSB Services Committee (or designee) selects an expert in field of networking/telecommunications to develop the plan.
- The expert gathers information on the issues and opportunities relative to building a 21st Century network for California, including getting input from appropriate interested parties throughout the State. This information and the expert's own knowledge is discussed with the Planning Team.
- The expert develops the first draft of a State Telecommunications/Network Strategic Plan for presentation to the Planning Team along with a proposed plan for vetting the first draft through appropriate interested parties throughout the State.
- The expert presents a second draft of the plan to the Planning Team based on input received. The Planning Team directs any additional changes to be made before it brings the plan to the TSB Services Committee for review.
- The TSB Services Committee reviews and makes any changes to the plan before bringing it forward to the Technology Services Board.
- The final plan is presented to the Technology Services Board for review and approval.

Note: Portions of this process may be iterative with the Plan going through more than one version and additional vetting/review before it is approved to go forward to the next level.